

Title (en)

Reaction solution for ink-jet recording, and ink-jet recording method using the solution

Title (de)

Reaktionslösung für Tintenstrahldruckaufzeichnung, und Tintenstrahlaufzeichnungsverfahren die diese Lösung benutzen

Title (fr)

Solution de réaction pour l'enregistrement par jet d'encre, et méthode d'enregistrement par jet d'encre utilisant cette solution

Publication

EP 1400365 B1 20060308 (EN)

Application

EP 03020942 A 20030916

Priority

- JP 2002270741 A 20020917
- JP 2003321449 A 20030912

Abstract (en)

[origin: EP1400365A1] A reaction solution that is used for image recording with an ink containing a coloring material in a dissolved or dispersed state to destabilize the dissolved or dispersed state of the coloring material in the ink in contact with the ink to provide high quality and abrasion-resistant images, wherein the reaction solution contains at least a polyvalent metal ion and a nonionic polymer, the Ka value according to the Bristow method is from 1.3 mL.m<-2>.msec<-1/2> to 3.0 mL.m<-2>.msec<-1/2> inclusive, and the viscosity is from 20 mPa.s to 150 mPa.s inclusive.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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